Contents

Aspinwall, P. S., Morrison, D. R.: Topological Field Theory and Rational Curves 245

Bakas, I., Khesin, B., Kiritsis, E.: The Logarithm of the Derivative Operator and Higher Spin Algebras of W_∞ Type 233

Carow-Watamura, U., Watamura, S.: Complex Quantum Group, Dual Algebra and Bicovariant Differential Calculus 487

Daskalopoulos, G., Wentworth, R.: The Integrability Criterion in SU(2) Chern-Simons Gauge Theory 437

Davies, B., Foda, O., Jimbo, M., Miwa, T., Nakayashiki, A.: Diagonalization of the *XXZ* Hamiltonian by Vertex Operators 89

Di Francesco, P., Itzykson, C., Zuber, J.-B.: Polynomial Averages in the Kontsevich Model 193

Emmrich, C.: Equivalence of Dirac and Intrinsic Quantization for Non-free Group Actions 531

Emmrich, C.: Equivalence of Extrinsic and Intrinsic Quantization for Observables not Preserving the Vertical Polarization 515

Foda, O. → Davies, B. 89

Forman, R.: Small Volume Limits of 2-*d* Yang-Mills 39

Galloway, G. J.: On the Topology of Black Holes 53

Ginibre, J., Ozawa, T.: Long Range Scattering for Non-Linear Schrödinger and Hartree Equations in Space Dimension $n \geq 2$ 619

Grosche, C.: Selberg Super-Trace Formula for Super Riemann Surfaces II: Elliptic and Parabolic Conjugacy Classes, and Selberg Super-Zeta Functions 1

Grunau, H.-C.: Boundedness for Large $|x|$ of Suitable Weak Solutions of the Navier-Stokes Equations with Prescribed Velocity at Infinity 577

Harvey, J. A., Strominger, A.: String Theory and the Donaldson Polynomial 221

Hashimoto, Y.: Instantons and Representations of an Associative Algebra 481

Howe, P. S., Papadopoulos, G.: Holonomy Groups and *W*-Symmetries 467

Itzykson, C. → Di Francesco, P. 193

Jimbo, M. → Davies, B. 89

Karowski, M., Schrader, R.: A Combinatorial Approach to Topological Quantum Field Theories and Invariants of Graphs 355

Khesin, B. → Bakas, I. 233

Kimura, T.: Generalized Classical BRST Cohomology and Reduction of Poisson Manifolds 155

Kirby, R., Melvin, P., Zhang, X.: Quantum Invariants at the Sixth Root of Unity 607

Kiritsis, E. → Bakas, I. 233

Knill, O.: Factorization of Random Jacobi Operators and Bäcklund Transformations 589

Knill, O.: Isospectral Deformations of Random Jacobi Operators 403

Last, Y.: A Relation Between a.c. Spectrum of Ergodic Jacobi Matrices and the Spectra of Periodic Approximants 183

Maes, C., Shlosman, S. B.: When is an Interacting Particle System Ergodic? 447

Maltsiniotis, G.: Le Langage des Espaces et des Groupes Quantiques 275

Matsuo, A.: Jackson Integrals of Jordan-Pochhammer Type and Quantum Knizhnik-Zamolodchikov Equations 263

Melvin, P. → Kirby, R. 607
Miwa, T. → Davies, B. 89
Morrison, D. R. → Aspinwall, P. S. 245

Nakayashiki, A. → Davies, B. 89

Ozawa, T. → Ginibre, J. 619

Papadopoulos, G. → Howe, P. S. 467

Rebenko, A. L.: Poisson Measure Representation and Cluster Expansion in Classical Statistical Mechanics 427

Schrader, R. → Karowski, M. 355
Shlosman, S. B. → Maes, C. 447
Smoller, J. A., Wasserman, A. G.: Existence of Infinitely-Many Smooth, Static, Global Solutions of the Einstein/Yang-Mills Equations 303
Strominger, A. → Harvey, J. A. 221

Tsutsumi, Y.: Global Existence and Asymptotic Behavior of Solutions for the Maxwell-Schrödinger Equations inThree Space Dimensions 543

Wasserman, A. G. → Smoller, J. A. 303
Watamura, S. → Carow-Watamura, U. 487
Wentworth, R. → Daskalopoulos, G. 437

Zhang, X. → Kirby, R. 607
Zheng, Y.: Regularity of Weak Solutons to a Two-Dimensional Modified Dirac-Klein-Gordon System of Equations 67
Zinoviev, Y. M.: Partially $U(1)$ Compactified Scalar Massless Field on the Compact Riemann Surface and the Bosonic String Amplitudes 327
Zuber, J.-B. → Di Francesco, P. 193

Indexed in *Current Contents*
Evaluated and abstracted for *PHYS* on *STN*